

wherein each of the image forming devices is configured to detect that the image forming device has no signal from at least one of the central service station and the communication control unit over a predetermined period and to display a signal line separation message when the image forming device has no signal from at least one of the central service station and the communication control unit over the predetermined period.

2. (Amended) The system according to claim 1, wherein each of the image forming devices is configured to detect that the image forming device has no signal from the communication control unit over the predetermined period based on a response of the image forming device to a selecting of the communication control unit to the image forming device.

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3. (Amended) The system according to claim 1, wherein each of the image forming devices is configured to detect that the image forming device has no signal from the central service station over the predetermined period based on a response of the image forming device to a selecting of the central service station to the image forming device.

4. (Amended) The system according to claim 1, wherein each of the image forming devices is configured to detect that the image forming device has no signal from the communication control unit over the predetermined period based on a response of the image forming device to a polling of the communication control unit to the image forming device.

5. The system according to claim 1, wherein each of the image forming devices includes a communication interface unit having a terminal connected to the communication control unit, and each of the image forming devices is configured to detect that the image forming device has no signal from the communication control unit over the predetermined period based on a detected voltage of the terminal of the communication interface unit.

6. (Amended) The system according to claim 1, wherein each of the image forming devices includes a connection detecting circuit having an input connected to the

communication control unit, and each of the image forming devices is configured to detect that the image forming device has no signal from the communication control unit over the predetermined period based on an output of the connection detecting circuit.

7. (Amended) An image forming device management system including:

a plurality of image forming devices;

a central service station for providing a maintenance service for the image forming devices; and

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a communication control unit connected to each of the image forming devices by a signal line, the communication control unit connecting one of the image forming devices to the central service station by a communication network,

wherein each of the image forming devices is configured to detect that the image forming device has no signal from the communication control unit over a predetermined period and to display a signal line separation message when the image forming device has no signal from the communication control unit over the predetermined period, and

wherein said display of the signal line separation message indicates a separation of the signal line between the image forming device and the communication control unit.

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Please add new Claims 30-36 as follows:

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30. (New) An image forming device management system including:

a plurality of means for image forming;

maintenance service means provided for the plurality of means for image forming;

and

means for communicating and controlling connected to each of the means for image forming by a signal line, the means for communicating and controlling connecting one of the means for image forming to the maintenance service means by a communication network,

wherein each of the means for image forming is configured to detect that the means for image forming has no signal from at least one of the maintenance service means and the means for communicating and controlling over a predetermined period and to display a signal line separation message when the means for image forming has no signal from at least one of the maintenance service means and the means for communicating and controlling over the predetermined period.

A2 31. (New) The system according to claim 30, wherein each of the means for image forming is configured to detect that the means for image forming has no signal from the means for communicating and controlling over the predetermined period based on a response of the means for image forming to a selecting of the means for communicating and controlling to the means for image forming.

32. (New) The system according to claim 30, wherein each of the means for image forming is configured to detect that the means for image forming has no signal from the maintenance service means over the predetermined period based on a response of the means for image forming to a selecting of the maintenance service means to the means for image forming.

33. (New) The system according to claim 30, wherein each of the means for image forming is configured to detect that the means for image forming has no signal from the means for communicating and controlling over the predetermined period based on a response of the means for image forming to a polling of the means for communicating and controlling to the means for image forming.

34. (New) The system according to claim 30, wherein each of the means for image forming includes a communication interface unit having a terminal connected to the means for communicating and controlling, and each of the means for image forming is configured to detect that the means for image forming has no signal from the means for communicating and controlling over the predetermined period based on a detected voltage of the terminal of the communication interface unit.

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35. (New) The system according to claim 30, wherein each of the means of image forming includes a connection detecting circuit having an input connected to the means for communicating and controlling, and each of the means for image forming is configured to detect that the means for image forming has no signal from the means for communicating and controlling over the predetermined period based on an output of the connection detecting circuit.

36. (New) A means for image forming management system including:  
a plurality of means for image forming;  
maintenance service means provided for the means for image forming; and  
means for communicating and controlling connected to each of the means for image forming by a signal line, the means for communicating and controlling connecting one of the means for image forming to the maintenance service means by a communication network,  
wherein each of the means for image forming is configured to detect that the means for image forming has no signal from the means for communicating and controlling over a predetermined period and to display a signal line separation message when the means for image forming has no signal from the means for communicating and controlling over the predetermined period.